

ABSTRACT

A structural component (1) is made out of long- fiber reinforced thermoplastic material (LFT) with integrated continuous fiber (CF) - reinforcement. It includes at least three individually integrated, shaped CF - profiles (10), which form a three-dimensional intersection point (50). In this, at least one CF - profile (10) lies in an upper plane (H1), at least one CF-profile lies in a lower plane (H2) of the intersection point and at least one CF - profile extends continuously in a vertical direction (v) between these CF - profiles of the upper and of the lower main plane. The CF - profiles (10) are connected to one another by shapings (32) of the LFT - mass (6) at the intersection point in a force-transmitting manner. At several points loads (L) are exerted on the CF - profiles. Such three-dimensionally applied loads (L) are capable of being optimally supported.